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**Department of Forensic Science  
Breath Alcohol Section  
Instrument Maintenance History  
1/1/1990 To 9/27/2013**

**Instrument Serial Number: 012049**

**As of 27-Sep-13**

<b>Maintenance Date</b>	<b>Certification Date</b>	<b>Technician Initials</b>	<b>Remarks</b>
27-Sep-13	28-Aug-13	MMB (26417)	REPLACED DRY GAS STANDARD.
28-Aug-13	28-Aug-13	MMB (26417)	FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED.
26-Jun-13	13-Mar-13	HMS (18910)	REPLACED DRY GAS STANDARD.
13-Mar-13	13-Mar-13	HMS (18910)	CERTIFIED, REPLACED DRY GAS STANDARD.
22-Jan-13	21-Sep-12	SED (24178)	REPLACED DRY GAS STANDARD.
21-Sep-12	21-Sep-12	SED (24178)	CERTIFIED. REPLACED E-SEEK.
29-Jun-12	06-Apr-12	DBH (21250)	REPLACED DRY GAS STANDARD.
06-Apr-12	06-Apr-12	DBH (21250)	REPLACED PRINTER RIBBON. CERTIFIED. REPLACED DRY GAS STANDARD.
21-Feb-12	21-Feb-12	HMS (18910)	CERTIFIED
02-Dec-11	02-Dec-11	HMS (18910)	CALIBRATED, CERTIFIED AND ACCEPTED.

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# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number 012049 Worksheet Start Date 9/27/2013  
Location Chesterfield Co Jail  
Address 6900 Mimms Dr Chesterfield VA 23832  
DFS Technician Michelle Billeter License No. 26417  
☐ Laboratory ☒ On-Site

## Site Specifications

	Yes	No
<b>1 Secured Environment:</b> Location must not be accessible to the general public.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>2 Environment free from contaminants</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>3 Dedicated telephone line:</b> The phone line should be used solely by the instrument.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>4 Adequate Ventilation:</b> Enough space must be provided for the instrument and the printer to allow for adequate ventilation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>5 Stable temperature controls:</b> The instrument should not be exposed to direct sources of temperature variation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>6 115VAC power source:</b> Whenever possible instrument power circuit should not be shared with refrigerators, copy machines or other high amperage devices.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>7 Room Condition:</b> The site should be free of excessive moisture, heat and dust.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

	Old serial no.	New serial no.	Supplies
E-Seek			Mouthpieces 50
Keyboard			Certificates of Analysis 100
Printer			Operator Worksheet 500
UPS			Other:

Maintenance (if any)  
Replaced dry gas standard.

Comments (if any)

Instrument Serial Number 012049

Certification Date

Instrument Barometer (mm HG) 754

Reference Barometer (mm HG) 761

Reference Barometer(RB)Serial # 009111

RB Calibration Due 5/23/2014

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.250		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.150		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.080		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.020		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

all measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

☐ Calibrated☐ Certified☒ Replaced dry gas standard (+O-ring)

Dry gas standard Lot No. (with tank no.)

AG206601-12

☒ Measurement Assurance Check☒ Run a Breath Test (Instrument Test)

(successful completion denotes satisfactory condition of the item)

Standard (sea level)	PA Target	minimum	maximum	Sample 1	
0.100	0.099	0.096	0.102	Sample 2	0.100
Precision		sample min	sample max	Sample 3	0.100
0		0.100	0.100		

DFS Technician

*Michelle Buleta*

Date

9/27/13

Issuing Analyst

*Melissa Kennedy*

Date

9/30/13

Intox EC/IR II QA Worksheet

Issued by Calibration and Training Program Manager

Issue Date: 4-March-2013

TLN

DFS Document 250-F113

Revision 6

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Intox EC/IR-II: Accuracy Check

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Department of Forensic Science

Serial Number: 012049 Test Number: 1744

Test Date: 09/27/2013 Test Time: 08:52 EDT

Dry Gas Target: 0.298

Lot Number: AG322702-03 Exp Date: 08/15/2015

Tank Pressure: 379 psi Barometric Pressure: 754 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	08:53
CHK	0.303	08:53
BLK	0.000	08:55
CHK	0.302	08:56
BLK	0.000	08:57
CHK	0.301	08:58

Test Status: Success

Calibration CRC: 42BA8226

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**Intox EC/IR-II: Accuracy Check**

*Department of Forensic Science*

Serial Number: 012049      Test Number: 1745

Test Date: 09/27/2013      Test Time: 09:06 EDT

Dry Gas Target: 0.099

Lot Number: AG206601-12      Exp Date: 03/06/2014

Tank Pressure: 732 psi      Barometric Pressure: 754 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	09:07
CHK	0.100	09:08
BLK	0.000	09:09
CHK	0.100	09:10
BLK	0.000	09:11
CHK	0.100	09:12

Test Status: *Success*

Calibration CRC: 42BA8226




COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS  
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

NAME OF ACCUSED <b>INSTRUMENT, TEST,</b>	NAME OF COURT <b>DFS</b>
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY <b>BILLETER, MICHELLE, M</b>		AGENCY <b>DFS Central Lab</b>
DFS LICENSE NUMBER <b>26417</b>	LICENSE EXPIRES <b>10/01/2014</b>	DATE TEST CONDUCTED <b>09/27/2013</b>
TEST EQUIPMENT NUMBER <b>012049</b>		

RESULTS: TIME SAMPLE TAKEN 09:20 EDT

SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_.

BREATH TEST OPERATOR
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☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS \_\_\_\_\_ SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS \_\_\_\_\_ OPERATOR'S SIGNATURE



# IntoxNet MIS Report

Report Generated 27 Sep 2013 at 11:04

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## Test Results

Instrument Serial Number 012049

Test # 001746 Subject Test

Test Location 1 Department of  
Test Date 27 Sep 2013

Test Location 2 Forensic Science  
Test Time 09:14  
Remote/Local Local

Test Location 3  
System Check Passed

Operator's Last Name BILLETER  
Agency DFS Central Lab

Operator's First Name MICHELLE

Operator's Middle Initial M

Card Serial Number 126417

License Number 26417

Subject's Last Name INSTRUMENT

Effective Date 10/01/2012

Expiration Date 10/01/2014

Subject's Middle Initial

Subject's First Name TEST

Driver's License Number

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License State

Driver's License Expiration 00/00/0000

Court Name DFS

End Date 27 Sep 2013 End Time 09:21

Result Time 09:20

Result Date 27 Sep 2013 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 09:14

Data Type BLK

Sample Value 0.000

Sample Time 09:15

Data Type CHK

Sample Value 0.099

Sample Time 09:16

Data Type BLK

Sample Value 0.000

Sample Time 09:17

Data Type SUBJ

Sample Value 0.000

Sample Time 09:18

Data Type BLK

Sample Value 0.000

Sample Time 09:19

Data Type SUBJ

Sample Value 0.000

Sample Time 09:20

Data Type BLK

Sample Value 0.000

Sample Time 09:21

Standard Type Dry Gas Std

Standard Value 0.099

Standard Lot Number AG206601-12

Standard Expiration Date 03/06/2014

Tank Pressure 723

Barometric Pressure 754 mmHg

Blow Sample Number 1 Blow Duration 4.03 sec

Blow Volume 1681 cc End-of-Blow Time 09:18

Blow Sample Number 2 Blow Duration 4.28 sec

Blow Volume 1678 cc End-of-Blow Time 09:20

Tamper Evident Stamp d7736d81

Test Status Code 0

Test Status Success